

## MOVING PLATFORM POSITION DETERMINATION SYSTEM AND METHOD

### ABSTRACT OF THE DISCLOSURE

**[0046]** A system and method for determining a position of a moving platform are provided. The method includes transmitting a carrier signal from one of the moving platform and a stationary platform, receiving a received signal at the other of the moving and stationary platforms, deriving a frequency shift between the carrier signal and the received signal, and calculating the apparent closing velocity using the frequency shift and a frequency of the carrier signal.